

What is claimed is:

1. A method for planning a repair of mobile machines, comprising the steps of:

- 5           entering a repair order for a machine to be repaired in a local computer system, which indicates a code of the machine;
- 10          sending particulars of the repair order and the code of the machine to a central processor via telecommunication means;
- 15          retrieving specific data about the machine, which is stored by the central processor;
- 20          using the central processor to generate a repair plan which is based upon particulars of the nature of the repair from the repair order and the stored specific data about the machine; and
- 25          sending the repair plan to the local computer system via telecommunication means.

2. The method according to claim 1, wherein said stored data relates to the machine's model.

20          3. The method according to claim 1, wherein said stored data relates to the machine's year of manufacture.

25          4. The method according to claim 1, wherein said stored data relates to the machine's equipment.

25          5. The method according to claim 1, wherein said stored data relates to the machine's hours of running.

30          6. The method according to claim 1, wherein said stored data relates to the machine's service history.

7. The method according to claim 1, wherein said stored data relates to the machine's model, year of manufacture, equipment, hours of running and service history.

5

8. A method for planning a repair of mobile machines, comprising the steps of:

entering a repair order for a machine to be repaired in a local computer system, which indicates a code of the machine;

10

sending the code of the machine to a central processor via telecommunication means;

retrieving stored data on the machine, which is stored by the central processor;

15

sending the stored data that is called up to the local computer system via telecommunication means;

using a computer system to generate a repair plan based upon particulars of the nature of the repair from the repair order and the stored specific data about the machine.

20

9. The method according to claim 8, wherein said stored data relates to the machine's model.

10. The method according to claim 8, wherein said stored data relates to the machine's year of manufacture .

25

11. The method according to claim 8, wherein said stored data relates to the machine's equipment.

30

12. The method according to claim 8, wherein said stored data relates to the machine's hours of running.

13. The method according to claim 8, wherein said stored data relates to the machine's service history.

5        14. The method according to claim 8, wherein said stored data relates to the machine's model, year of manufacture, equipment, hours of running and service history.

10      15. The method according to claim 8, including the step of sending data from the machine's diagnostic system to the central processor.

16. The method according to claim 8, including the step of sending data from the machine's diagnostic system to the local computer system.

15      17. The method according to claim 8, wherein the repair plan includes particulars regarding necessary expenditure of time to be planned for repair of the machine.

18. The method according to claim 8, wherein the repair plan includes 20 particulars regarding parts needed for repair of the machine.

19. The method according to claim 8, wherein the repair plan includes particulars regarding tools needed for repair of the machine.

25      20. The method according to claim 8, wherein the repair plan includes particulars regarding graphic details necessary for carrying out repair of the machine.

21. The method according to claim 8, wherein the repair plan includes particulars regarding the expenditure of time to be planned, the parts needed, the tools needed and graphic details for carrying out repair of the machine.

5 22. The method according to claim 8, wherein the repair plan includes proposals for preventive exchange of parts.

23. The method according to claim 8, wherein needed resources are automatically provided upon acceptance of the repair plan.

10

24. The method according to claim 8, including the step of inputting verification of the execution of each work step of the repair plan into the local computer system.

15

25. The method according to claim 8, wherein the local computer system produces documentation on the repair carried out from the repair plan and sends the documentation to the central processor, indicating the code of the machine.

20

26. The method according to claim 8, wherein the local computer system produces an account for repair of the machine, with the aid of the repair plan.

25

27. The method according to claim 8, wherein the central processor produces an account for repair of the machine, with the aid of the repair plan.